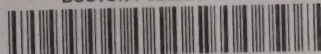


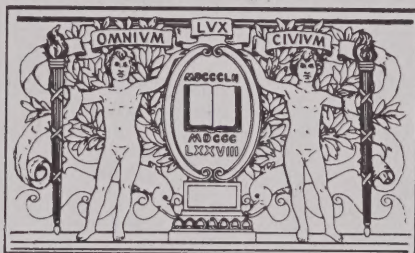
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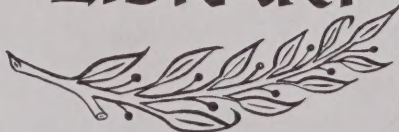
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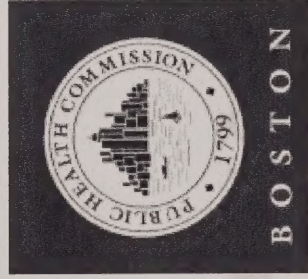
02/11

The Health of East Boston

presented at the

Boston Public Health Commission's 5th Annual Community Health Series

October 28, 2002 Harborside Comm Center
6:30pm to 8:00pm East Boston



Thomas M. Menino
Mayor of Boston

John Auerbach
Executive Director

gov 02-1362

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Population by Race/Ethnicity Information

East Boston, 1990 and 2000

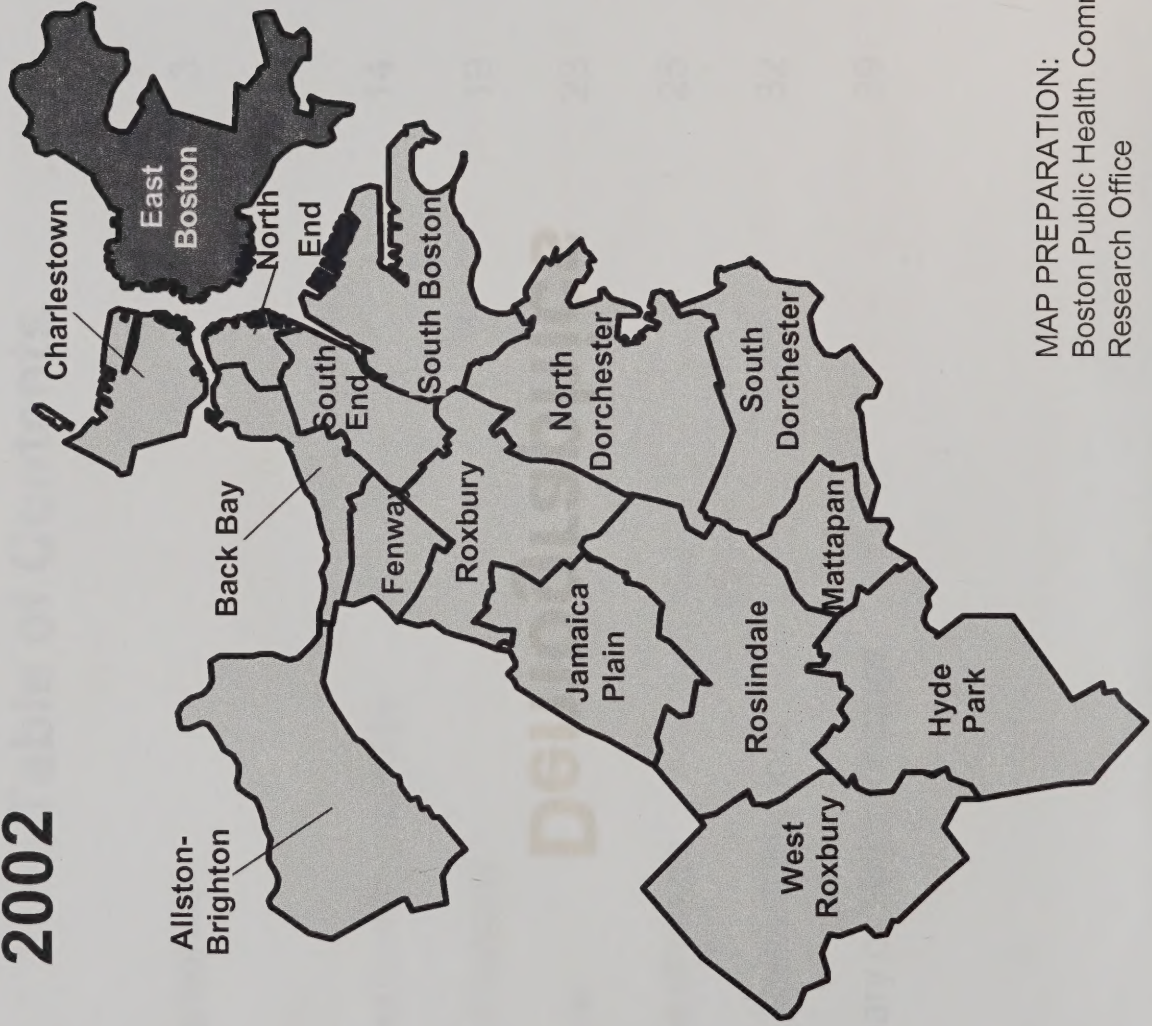


5005

East Boston Community Meeting

East Boston Community Meeting

2002



MAP PREPARATION:
Boston Public Health Commission
Research Office

Population by Race/Ethnicity East Boston, 1990 and 2000

Race/Ethnicity	1990	2000
Total Population	32,941	38,413
White, non-Hispanic	76%	50%
Black, non-Hispanic	2%	3%
Hispanic	18%	39%
Asian/Pacific Islander (1990)	4%	N/A
Asian (2000)	N/A	4%
Other Race	<1%	1%
Two or More Races	N/A	3%

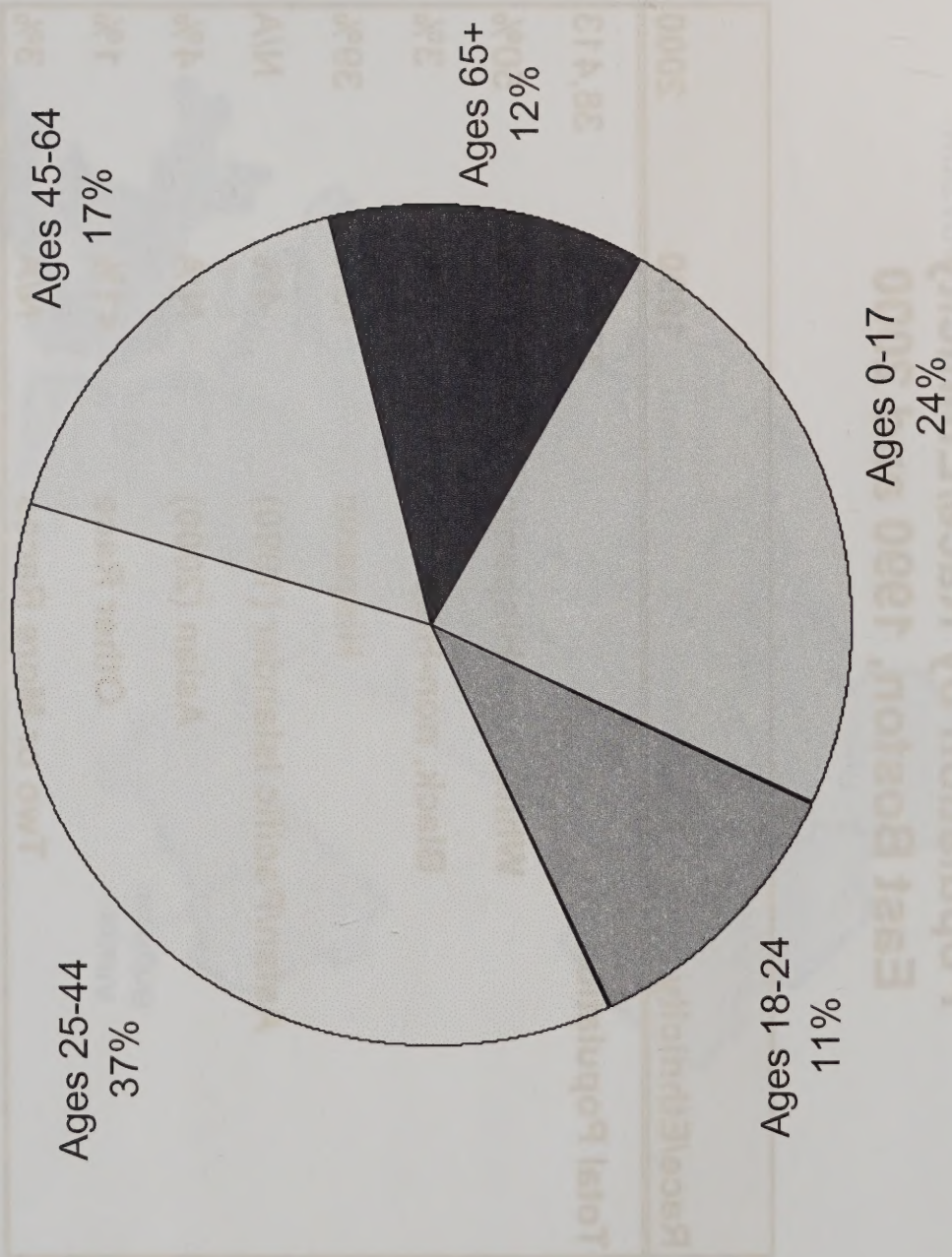
**"Other race" includes Native Americans (1990), and Native Hawaiians/Other Pacific Islanders, Alaska Natives/American Indians, and Other Races (2000).

DATA SOURCE: US Department of Commerce, Bureau of the Census, American Fact Finder, Census 2000

DATA ANALYSIS: Boston Public Health Commission, Research Office

Population by Age East Boston, 2000

N=38,413



NOTE: Percentages do not total 100% due to rounding.

DATA SOURCE: US Department of Commerce, Bureau of the Census, American Fact Finder, Census 2000

DATA ANALYSIS: Boston Public Health Commission, Research Office

Selected Socioeconomic Indicators Boston Overall and East Boston, 2000

	Boston	East Boston
Less than High School Graduation or GED	21%	40%
% of Population Below Poverty Level	20%	20%
% of Children (Under 18) Below Poverty Level	26%	25%
% of Adults 65 and Older Below Poverty Level	18%	20%
Median Household Income in 1999	\$39,629	\$31,301

*Based on income in 1999

**Estimated Median Household Income in 1999

DATA SOURCE: US Department of Commerce, Bureau of the Census, American Fact Finder, Census 2000, Summary File-Sample Data

DATA ANALYSIS: Boston Public Health Commission, Research Office

Births in East Boston

Median Household Income in 1999	228,658	231,301
% of Women 25 and Older Below Poverty Level	18%	50%
% of Children (Under 18) Below Poverty Level	30%	52%
% of Births to Teen Mothers	51%	50%
Less than High School Graduation or GED	40%	40%
	Boston	East Boston

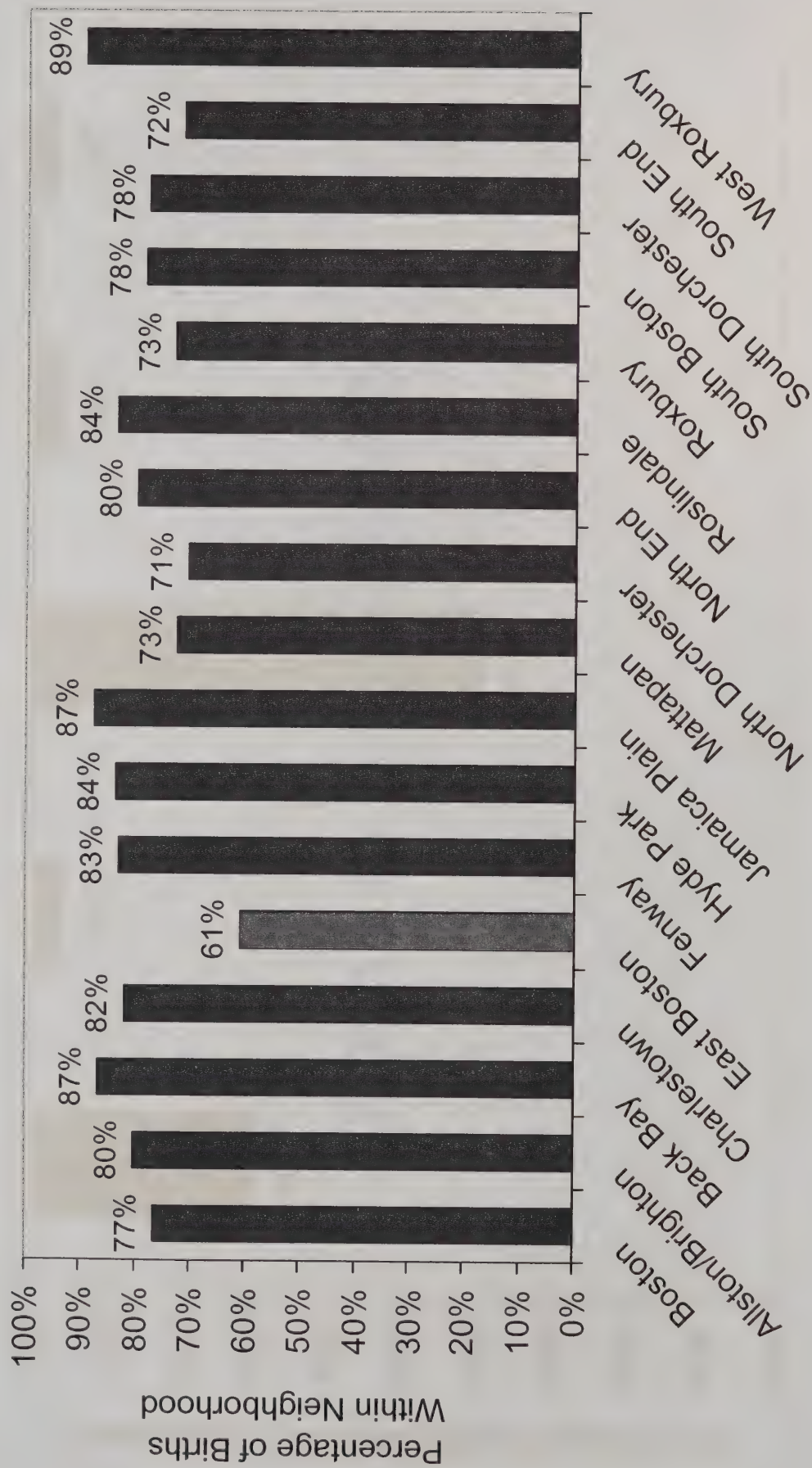
Boston Overall and East Boston 2000 Selected Socioeconomic Indicators

Births by Race/Ethnicity East Boston, 2000



DATA SOURCE: Boston resident live births, Massachusetts Department of Public Health
DATA ANALYSIS: Boston Public Health Commission, Research Office

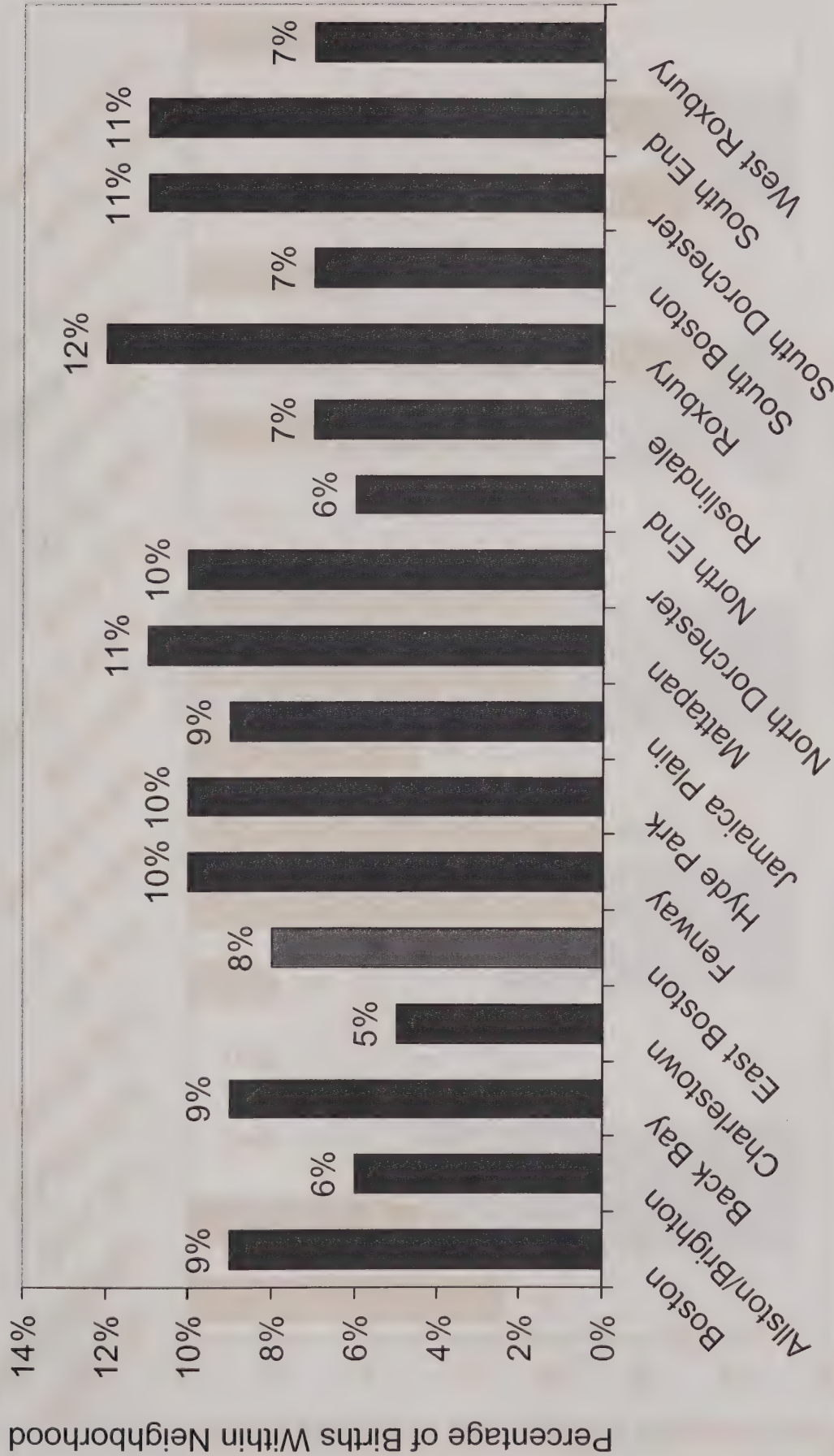
Adequacy of Prenatal Care by Neighborhood Boston, 2000



DATA SOURCE: Boston resident live births, Massachusetts Department of Public Health. Rates are calculated using the US Census 2000 for resident population.

DATA ANALYSIS: Boston Public Health Commission, Research Office

Low Birthweight Births by Neighborhood Boston, 2000

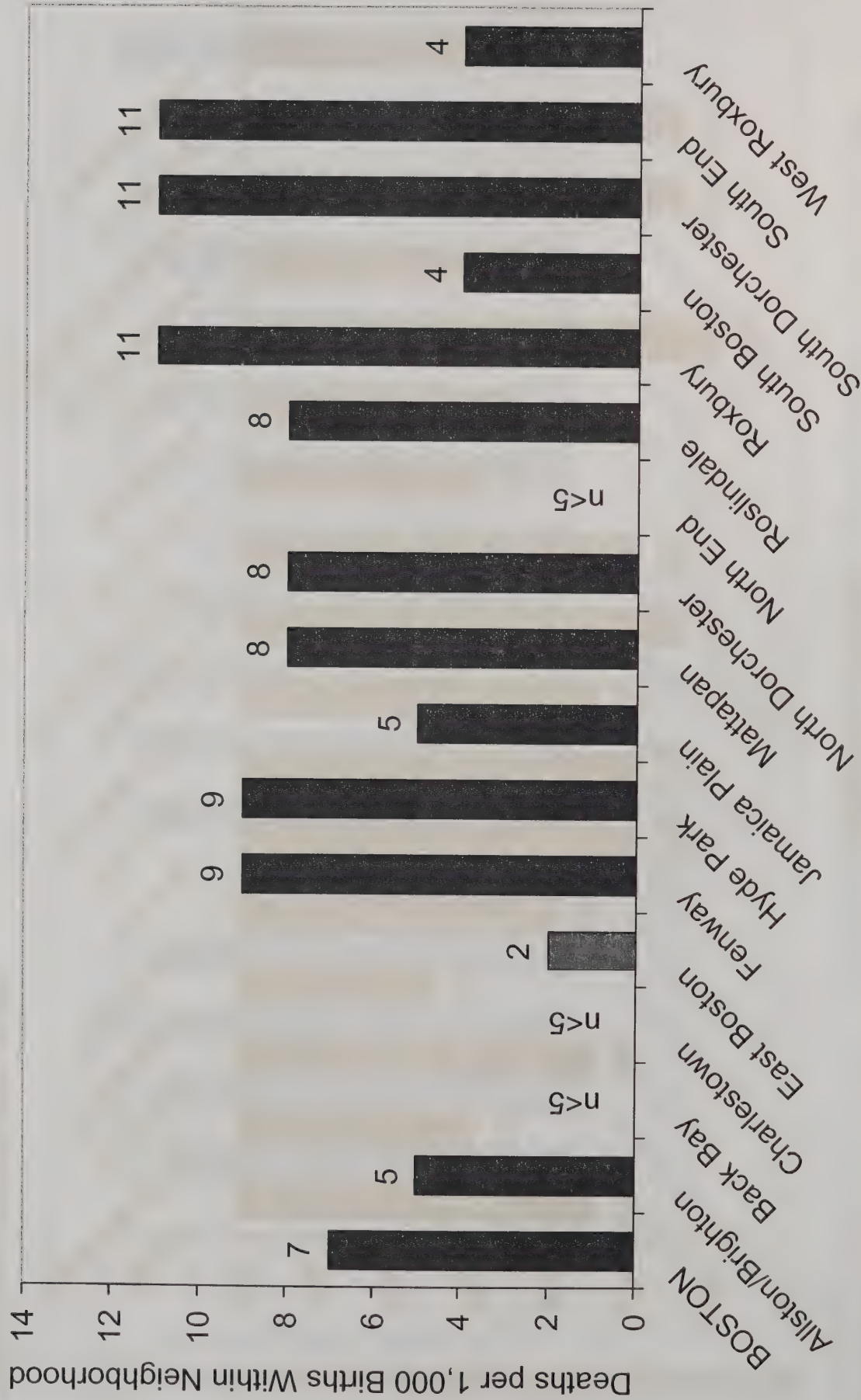


*South End data do not include data for Chinatown.

DATA SOURCE: Boston resident live births, Massachusetts Department of Public Health. Rates are calculated using the US Census 2000 for resident population.

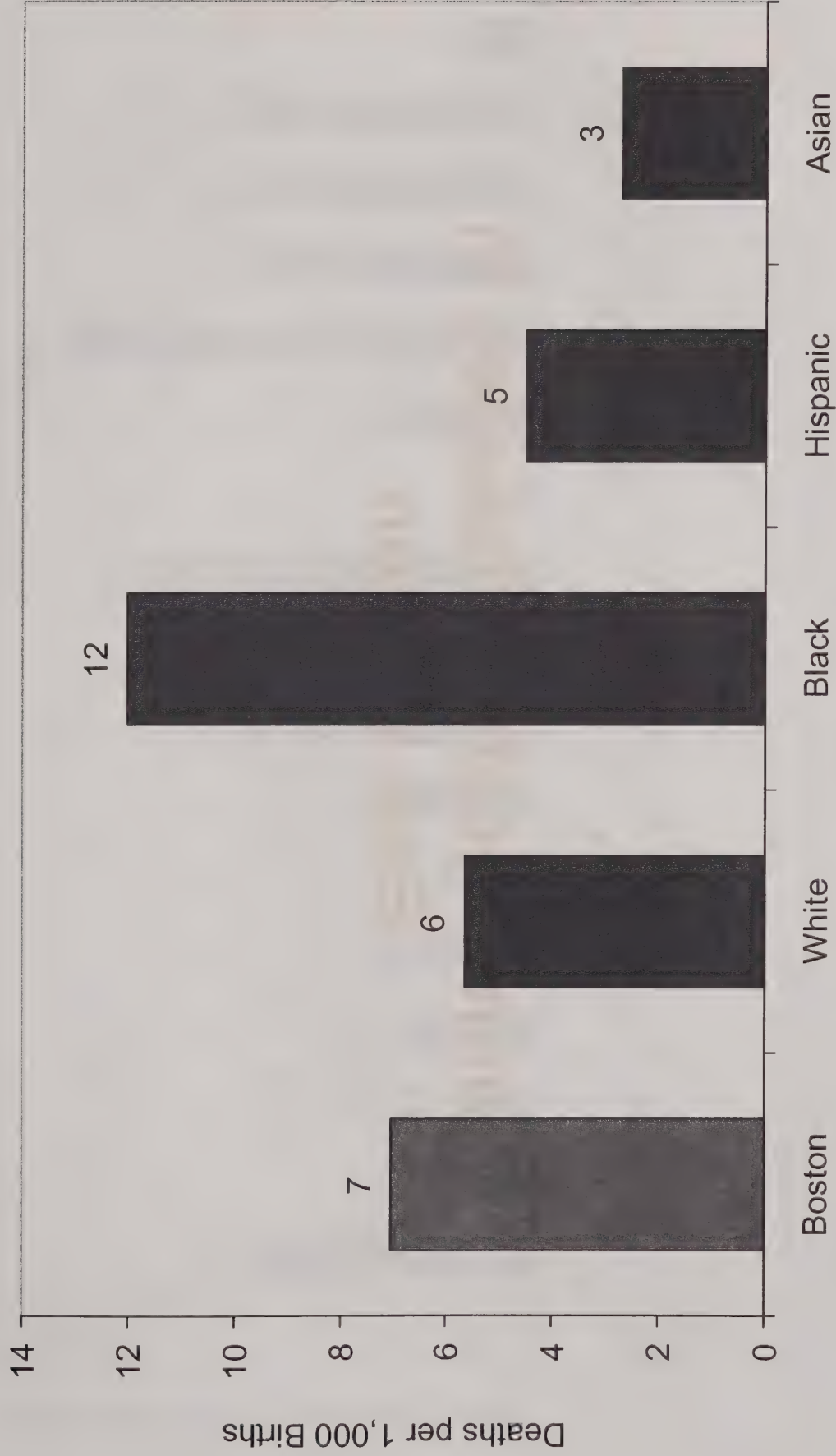
DATA ANALYSIS: Boston Public Health Commission, Research Office

Infant Mortality Rate by Neighborhood **Boston, 1996-2000**



DATA SOURCE: Boston resident deaths and live births, Massachusetts Department of Public Health
 DATA ANALYSIS: Boston Public Health Commission, Research Office

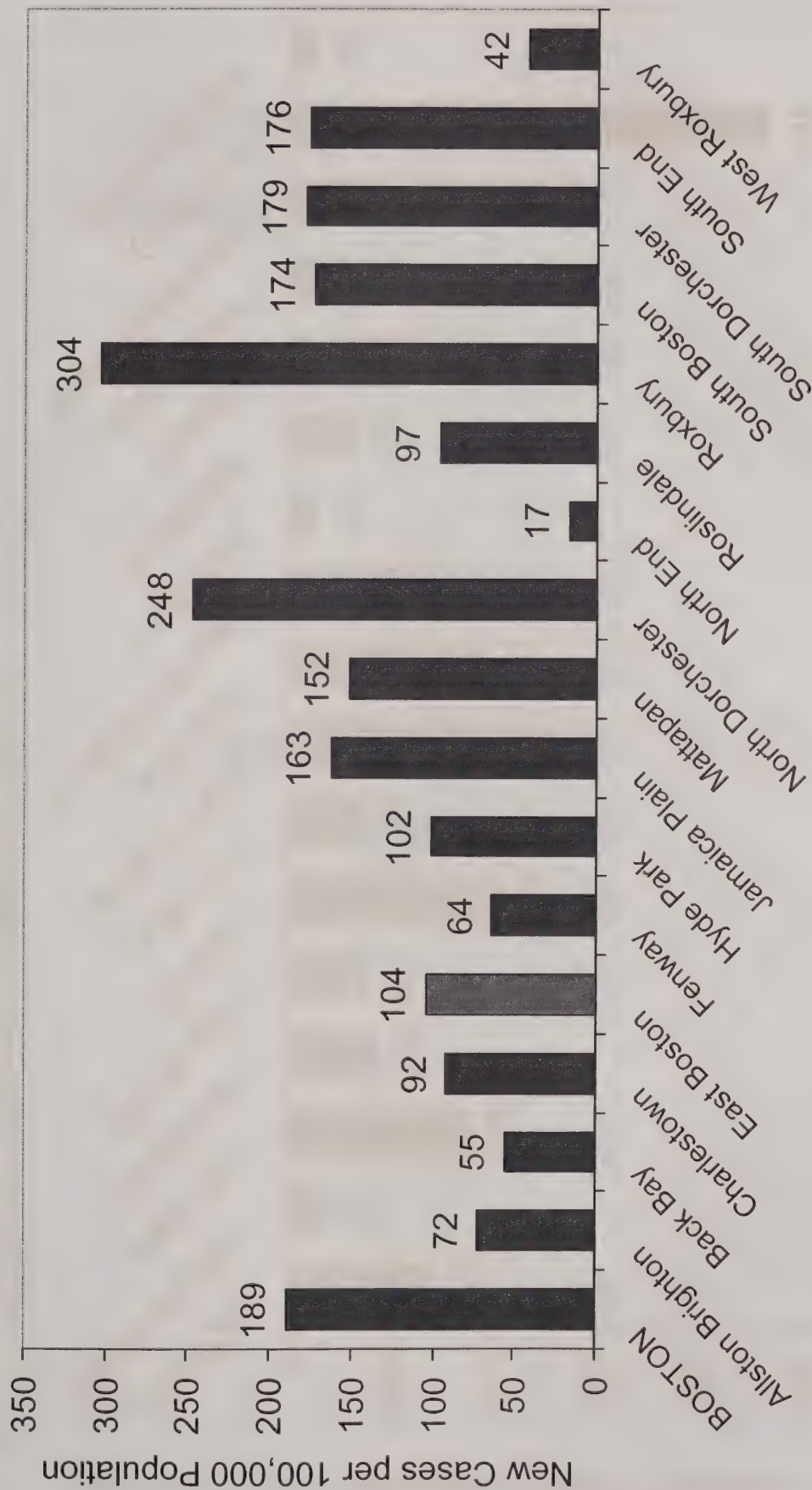
Infant Mortality Rate by Race/Ethnicity Boston, 1996-2000



DATA SOURCE: Boston resident deaths and live births, Massachusetts Department of Public Health
DATA ANALYSIS: Boston Public Health Commission, Research Office

Communicable Diseases in East Boston

Hepatitis C Incidence Rates by Neighborhood Boston, 2000



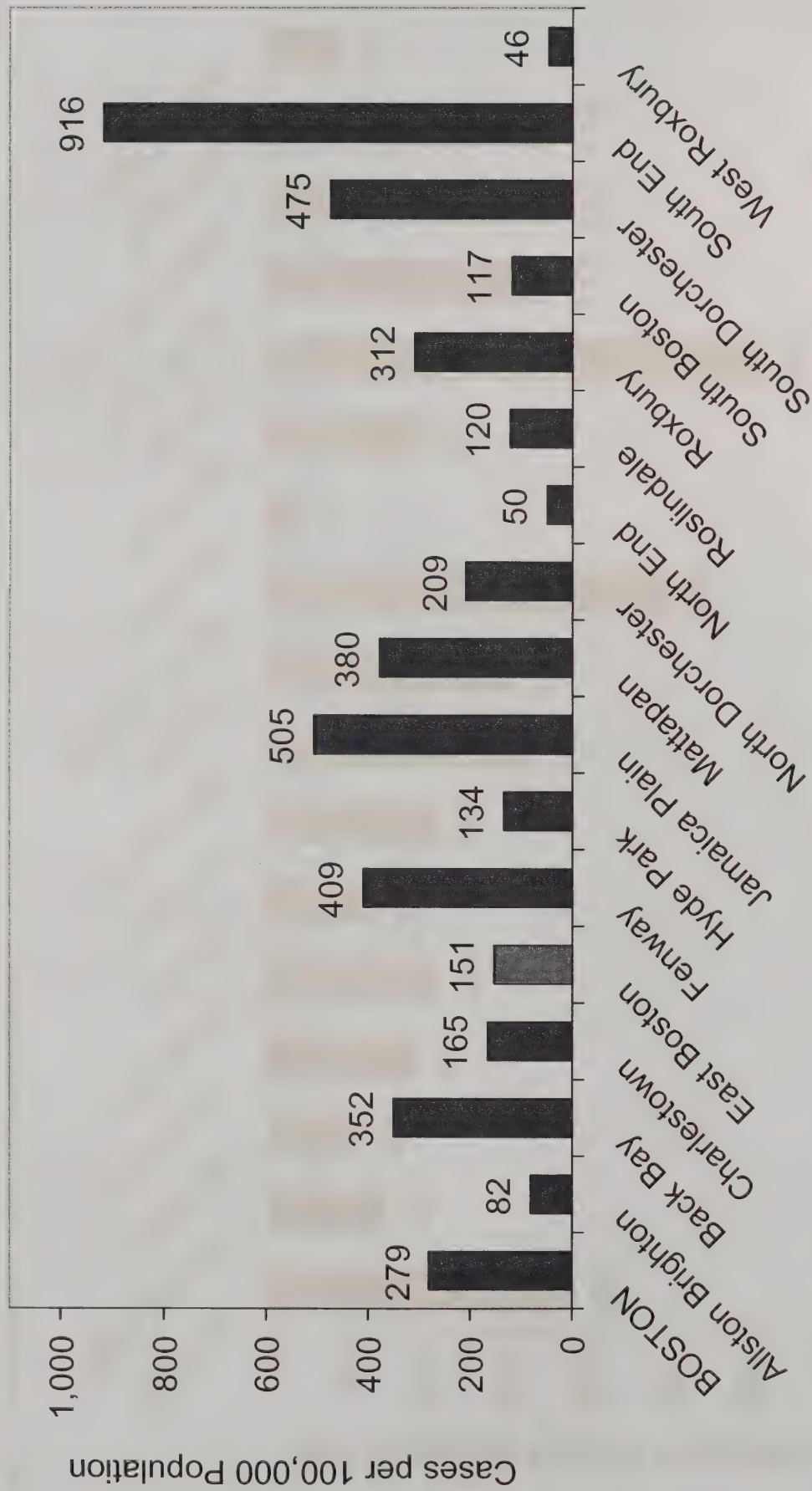
NOTE: Cases reflect year of report, not year of diagnosis.

DATA SOURCE: Communicable Disease Database, Boston Public Health Commission, Communicable Disease Control Division. Rates are calculated using the US Census 2000 for resident population.

DATA ANALYSIS: Boston Public Health Commission, Communicable Disease Control Division

GRAPHIC: Boston Public Health Commission, Research Office

Cumulative HIV* Incidence Rates by Neighborhood Boston, as of May 1, 2002



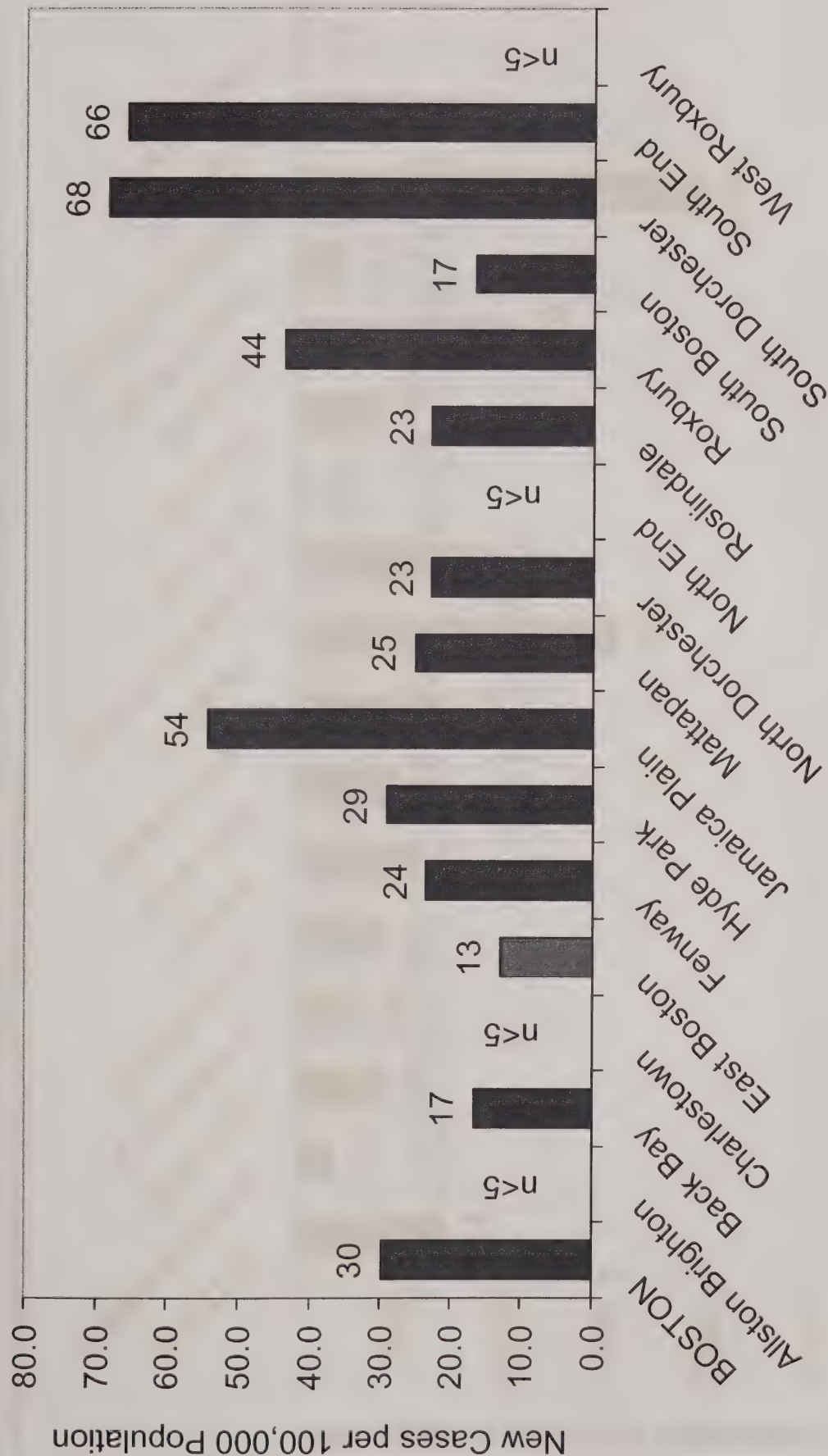
*HIV refers to HIV Alive Cases defined by the Massachusetts Department of Public Health.

DATA SOURCE: AIDS Reporting System Data, Massachusetts Department of Public Health, Bureau of Communicable Disease Control, AIDS Surveillance Program. Rates are calculated using the US Census 2000 for resident population.

DATA ANALYSIS: Boston Public Health Commission, Communicable Disease Control Division

GRAPHIC: Boston Public Health Commission, Research Office

AIDS Incidence Rates by Neighborhood Boston, 2000

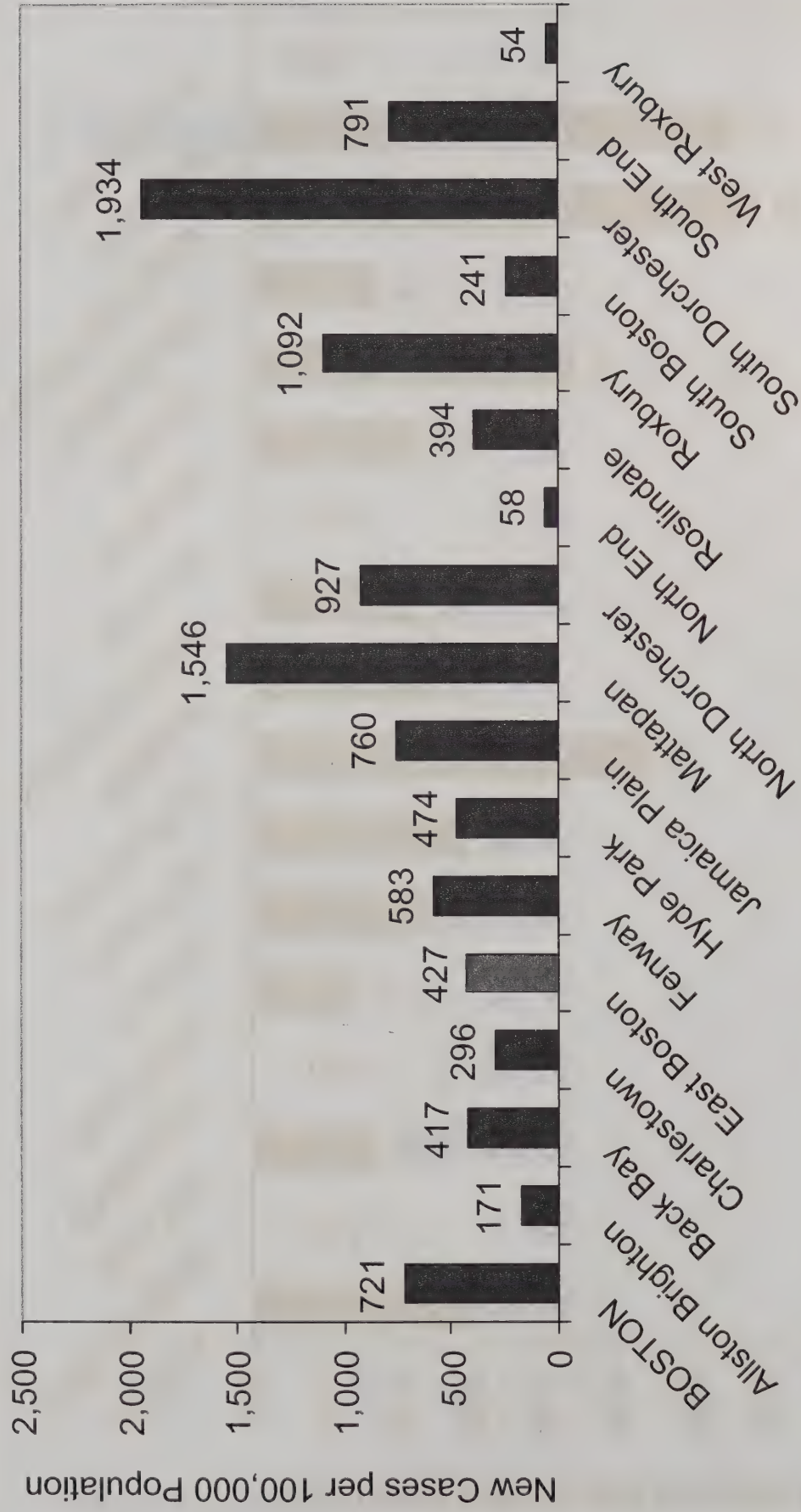


DATA SOURCE: AIDS Reporting System Data, Massachusetts Department of Public Health, Bureau of Communicable Disease Control. Rates are calculated using the US Census 2000 for resident population.

DATA ANALYSIS: Boston Public Health Commission, Communicable Disease Control Division

GRAPHIC: Boston Public Health Commission, Research Office

Sexually Transmitted Disease* Incidence Rates by Neighborhood Boston, 2000



*Sexually Transmitted Diseases include Chlamydia, Syphilis, and Gonorrhea.

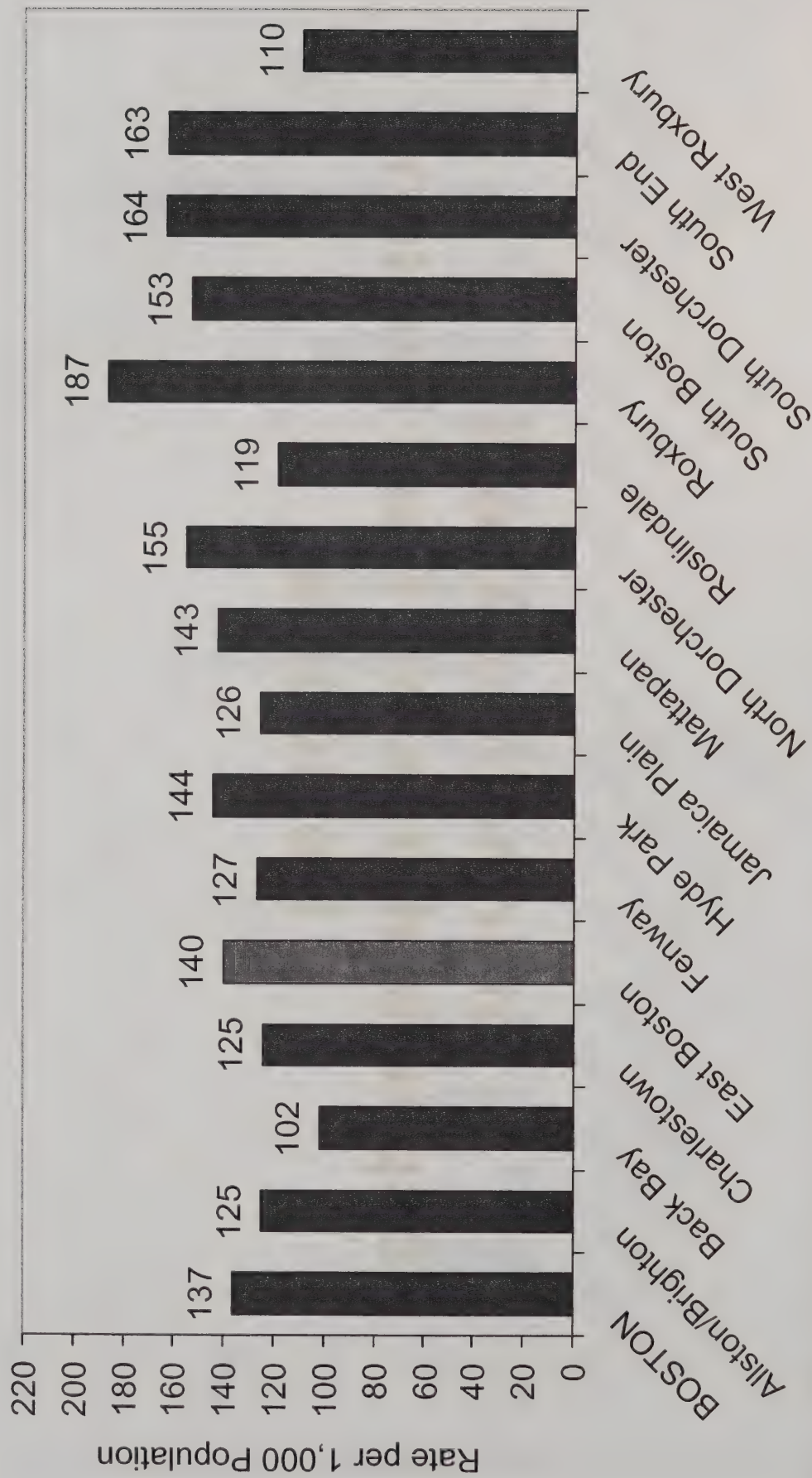
DATA SOURCE: Selected STDs for Boston Report, Massachusetts Department of Public Health, STD Division. Rates are calculated using the US Census 2000 for resident population.

DATA ANALYSIS: Boston Public Health Commission, Communicable Disease Control Division

GRAPHIC: Boston Public Health Commission, Research Office

Information About Hospitalizations for East Boston Residents

Hospitalization Age-Adjusted Rates by Neighborhood Boston, 2000



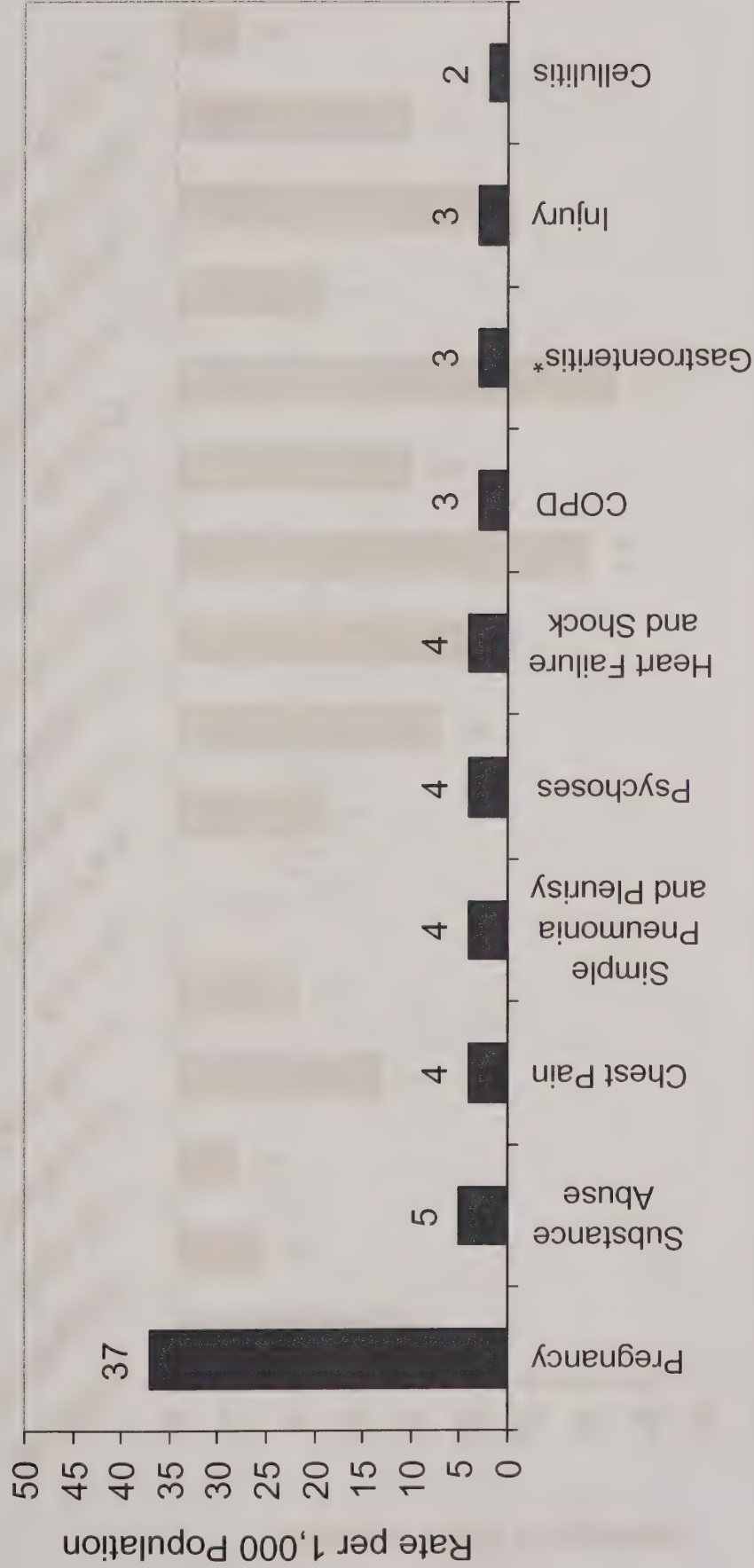
NOTE: North End data have been incorporated with Back Bay data.

DATA SOURCE: 1997-2000 Acute Case Mix, Massachusetts Division of Health Care Finance and Policy. Rates are calculated using the US 2000 Census for resident population by zip code.

DATA ANALYSIS: Boston Public Health Commission, Research Office.

Leading Causes of Hospitalization East Boston, 2000

Age-Adjusted Rates



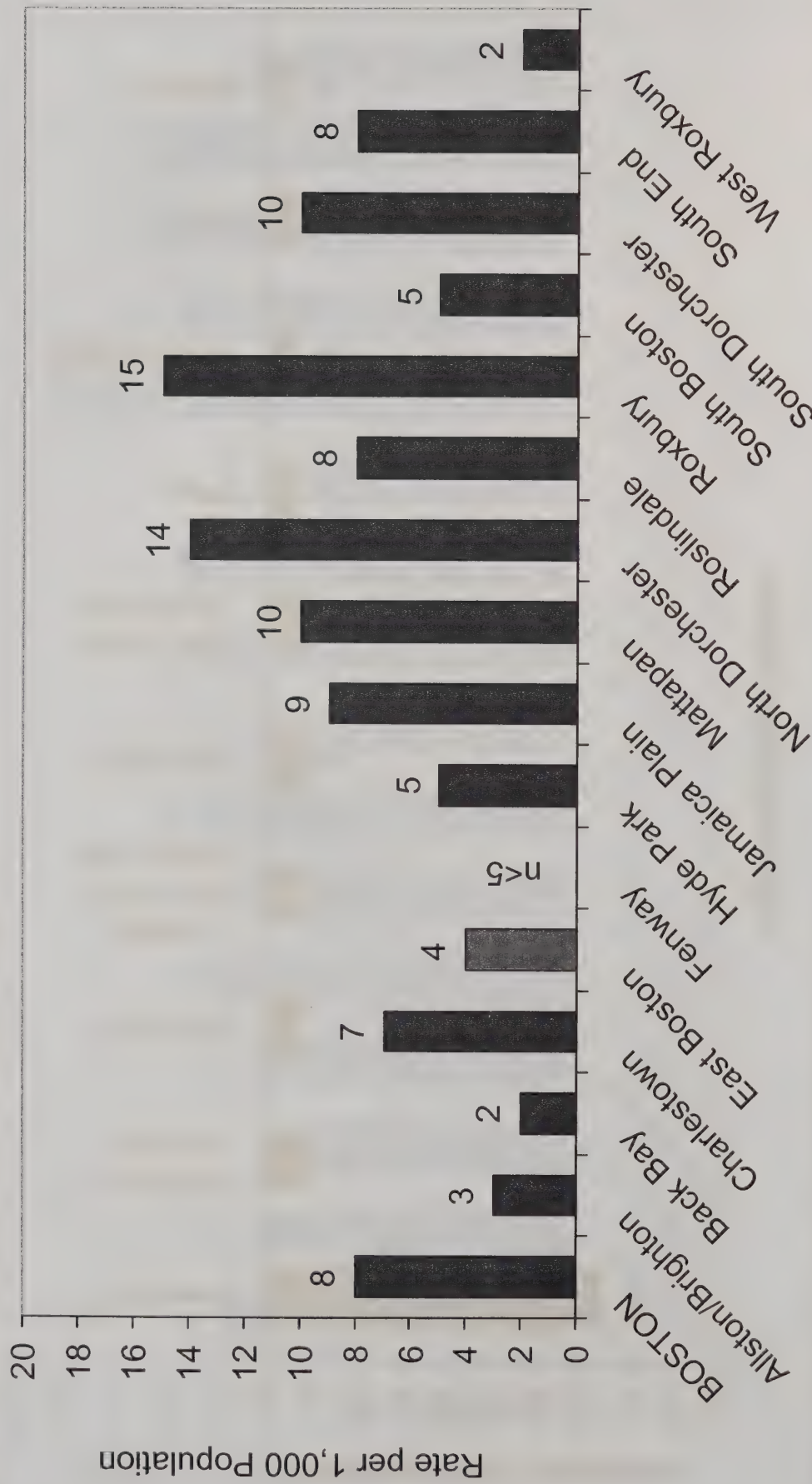
*Also includes esophagitis and miscellaneous digestive disorders.

NOTE: These rates are age-adjusted to the 2000 US standard population; newborns have been excluded.

DATA SOURCE: 1997-2000 Acute Case Mix, Massachusetts Division of Health Care Finance and Policy. Rates are calculated using the US Census 2000 for resident population by zip code.

DATA ANALYSIS: Boston Public Health Commission, Research Office.

Asthma Hospitalization Average Annual Rates Children Under Age 5 by Neighborhood,* Boston, 1999-2000



*North End data have been incorporated with Back Bay.

DATA SOURCE: 1997-2000 Acute Case Mix, Massachusetts Division of Health Care Finance and Policy. Rates are calculated using the US 2000 Census for resident population by zip code.

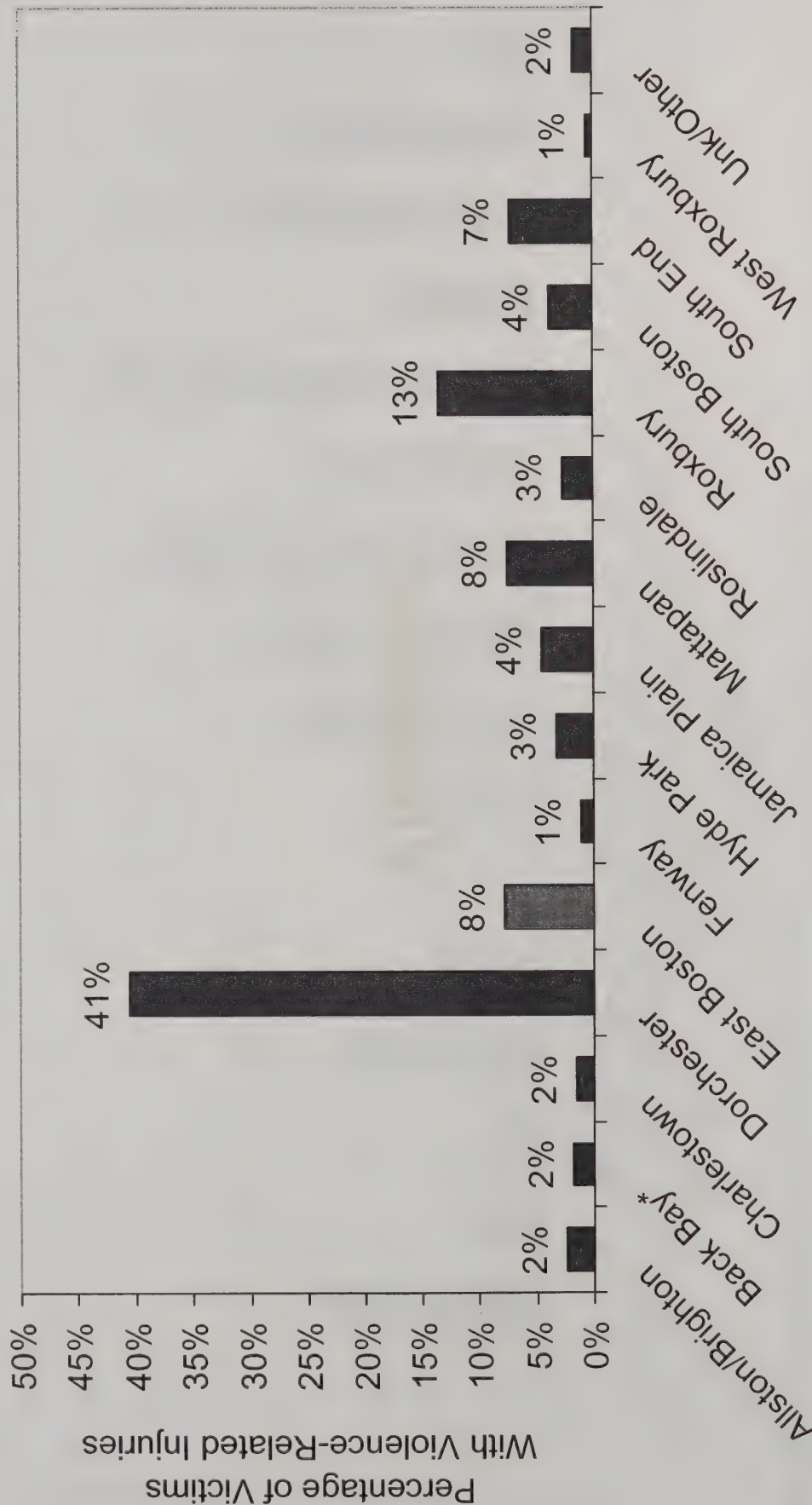
DATA ANALYSIS: Boston Public Health Commission, Research Office

Violence

Victims of Violence-Related Gunshot and Sharp Instrument Injuries

By Neighborhood

Boston, 1998-2001



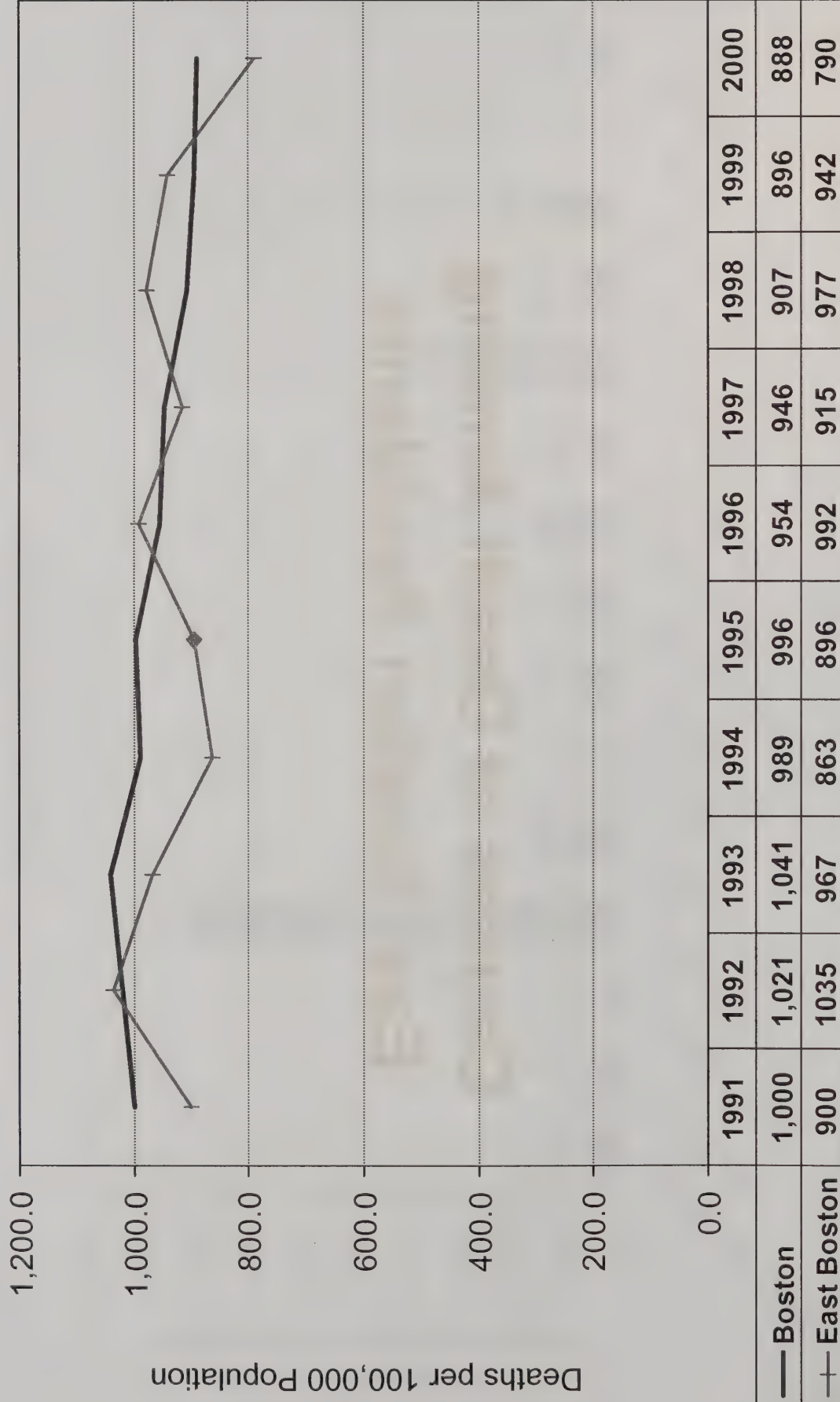
*Includes the North End

DATA SOURCE: Weapons-Related Injury Surveillance System (ISP), Massachusetts Department of Public Health

DATA ANALYSIS: Boston Public Health Commission, Research Office

Causes of Death Among East Boston Residents

Overall Mortality Age-Adjusted Rates by Year Boston Overall and East Boston, 1991-2000

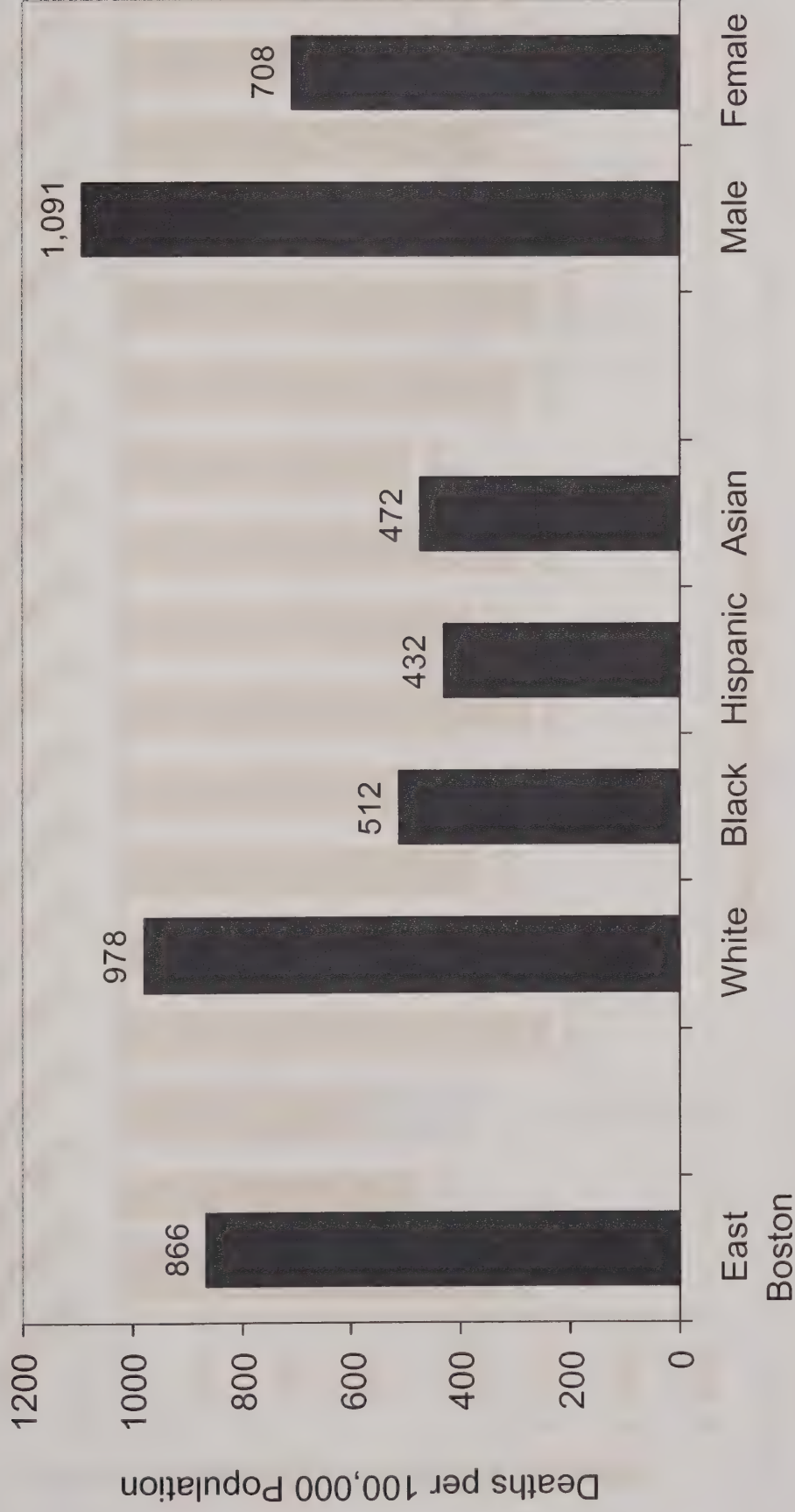


DATA SOURCE: Boston resident deaths, Massachusetts Department of Public Health. Rates are calculated using resident population estimates from MISER for 1991-1998, Massachusetts Department of Public Health 1999 Preliminary Population Estimates, and the US Census 2000 for resident population.

DATA ANALYSIS: Boston Public Health Commission, Research Office

Overall Mortality by Race/Ethnicity and Sex Boston, 1999-2000

Average Annual Rates

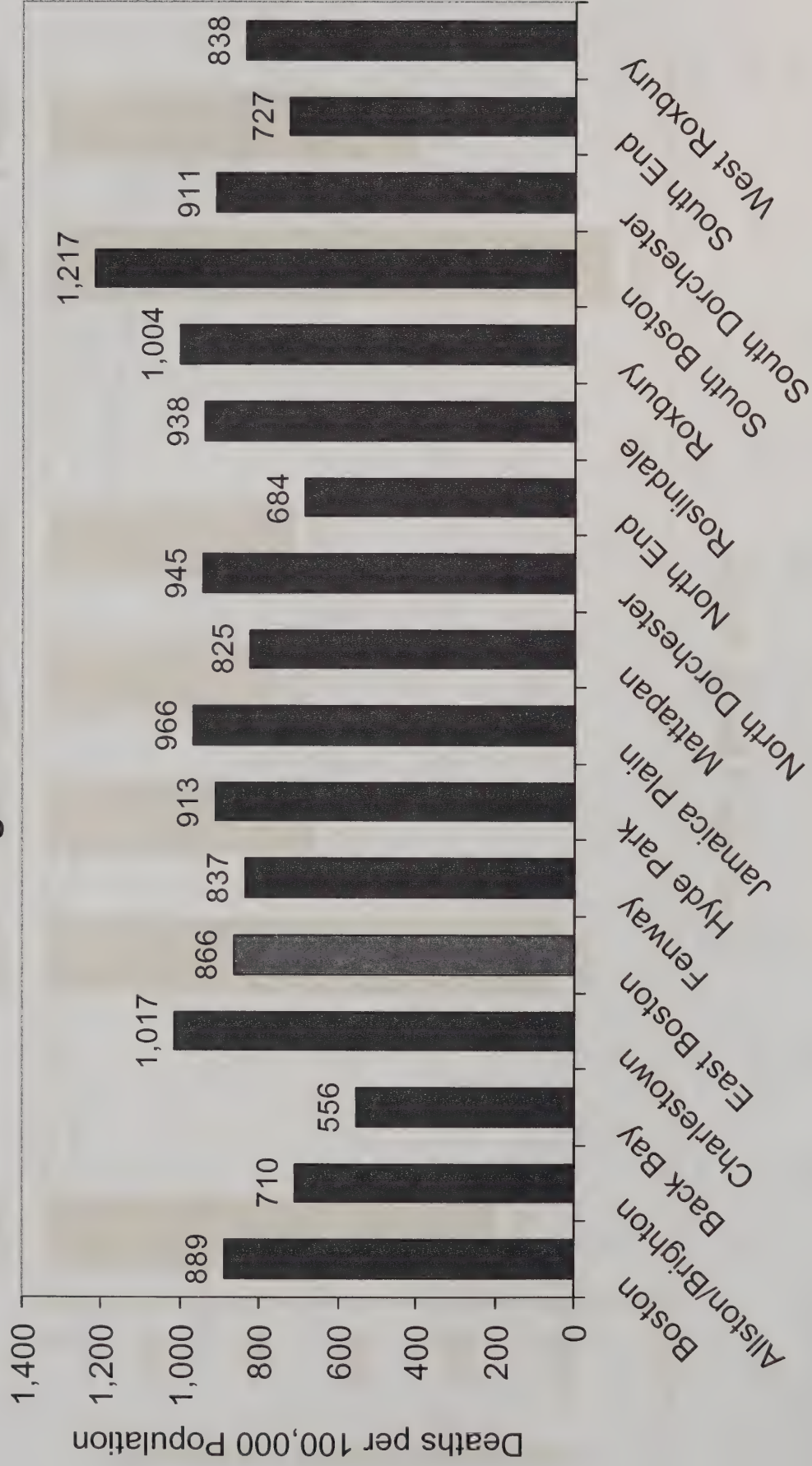


DATA SOURCE: Boston resident deaths, Massachusetts Department of Public Health. Rates are calculated using the US Census 2000 for resident population.

DATA ANALYSIS: Boston Public Health Commission, Research Office

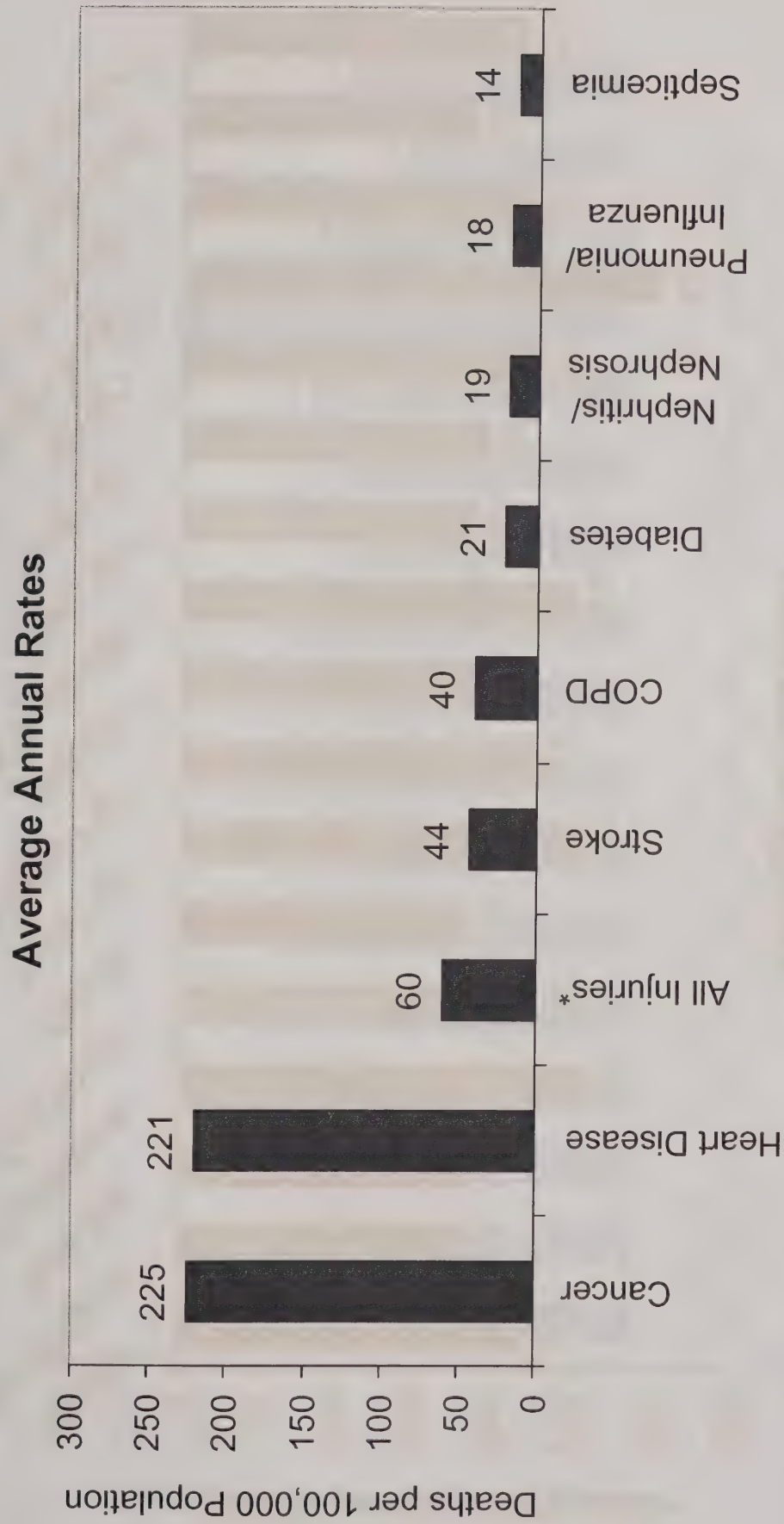
Overall Mortality Age-Adjusted Rates by Neighborhood Boston, 1999-2000

Average Annual Rates



DATA SOURCE: Boston resident deaths, Massachusetts Department of Public Health. Rates are calculated using the US Census 2000 for resident population.
DATA ANALYSIS: Boston Public Health Commission, Research Office

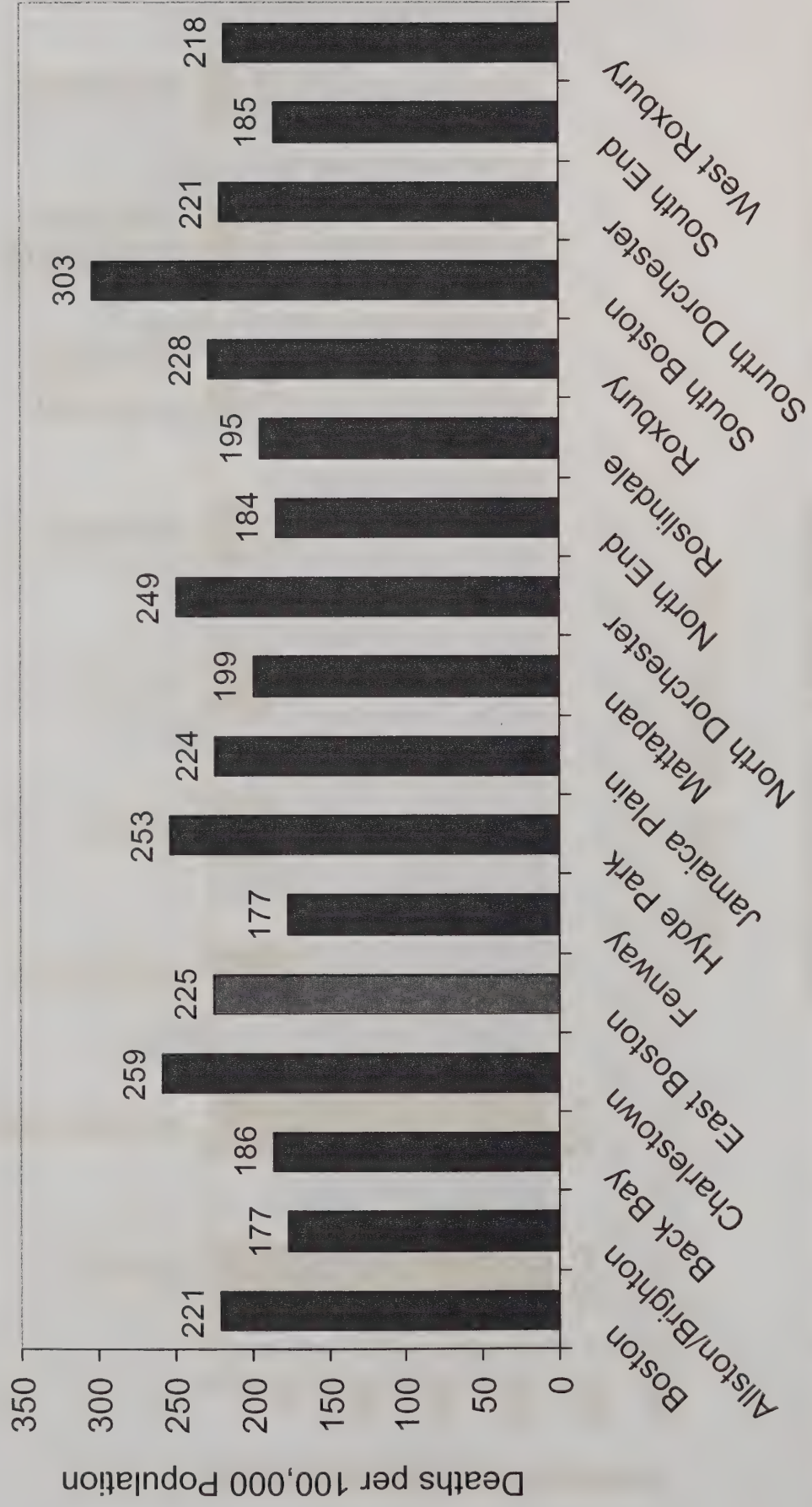
Leading Causes of Death Age-Adjusted Rates East Boston, 1999-2000



*Deaths due to all injuries include unintentional deaths (accidents, motor vehicle related), intentional deaths (homicide and suicide), and injuries with intent unknown at the time when the death certificate was issued.
 DATA SOURCE: Boston resident deaths, Massachusetts Department of Public Health. Rates are calculated using the US Census 2000 for resident population.
 DATA ANALYSIS: Boston Public Health Commission, Research Office

Cancer Mortality Age-Adjusted Rates by Neighborhood Boston, 1999-2000

Average Annual Rates

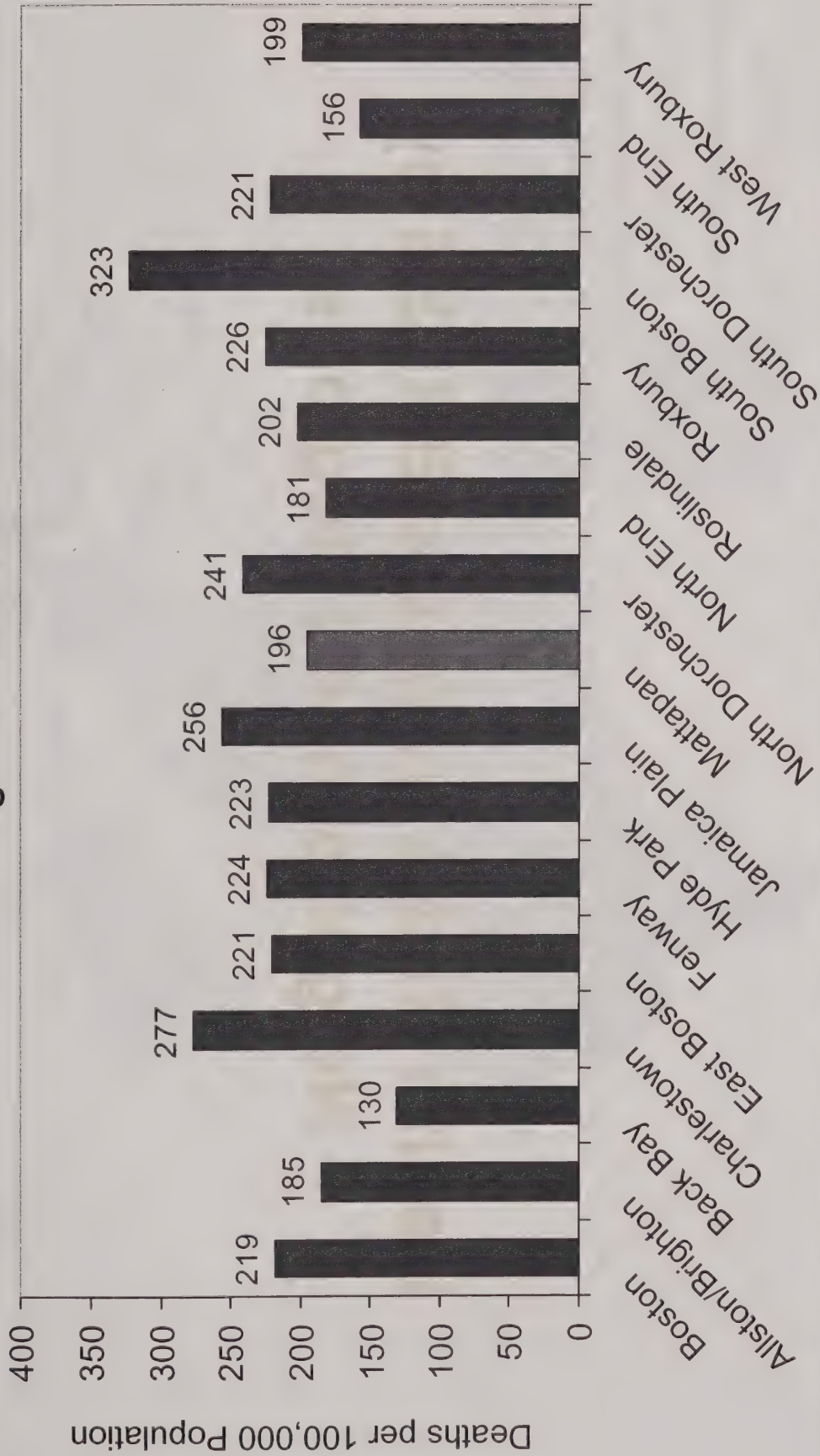


DATA SOURCE: Boston resident deaths, Massachusetts Department of Public Health. Rates are calculated using the US Census 2000 for resident population.

DATA ANALYSIS: Boston Public Health Commission, Research Office

Heart Disease Mortality Age-Adjusted Rates by Neighborhood Boston, 1999-2000

Average Annual Rates

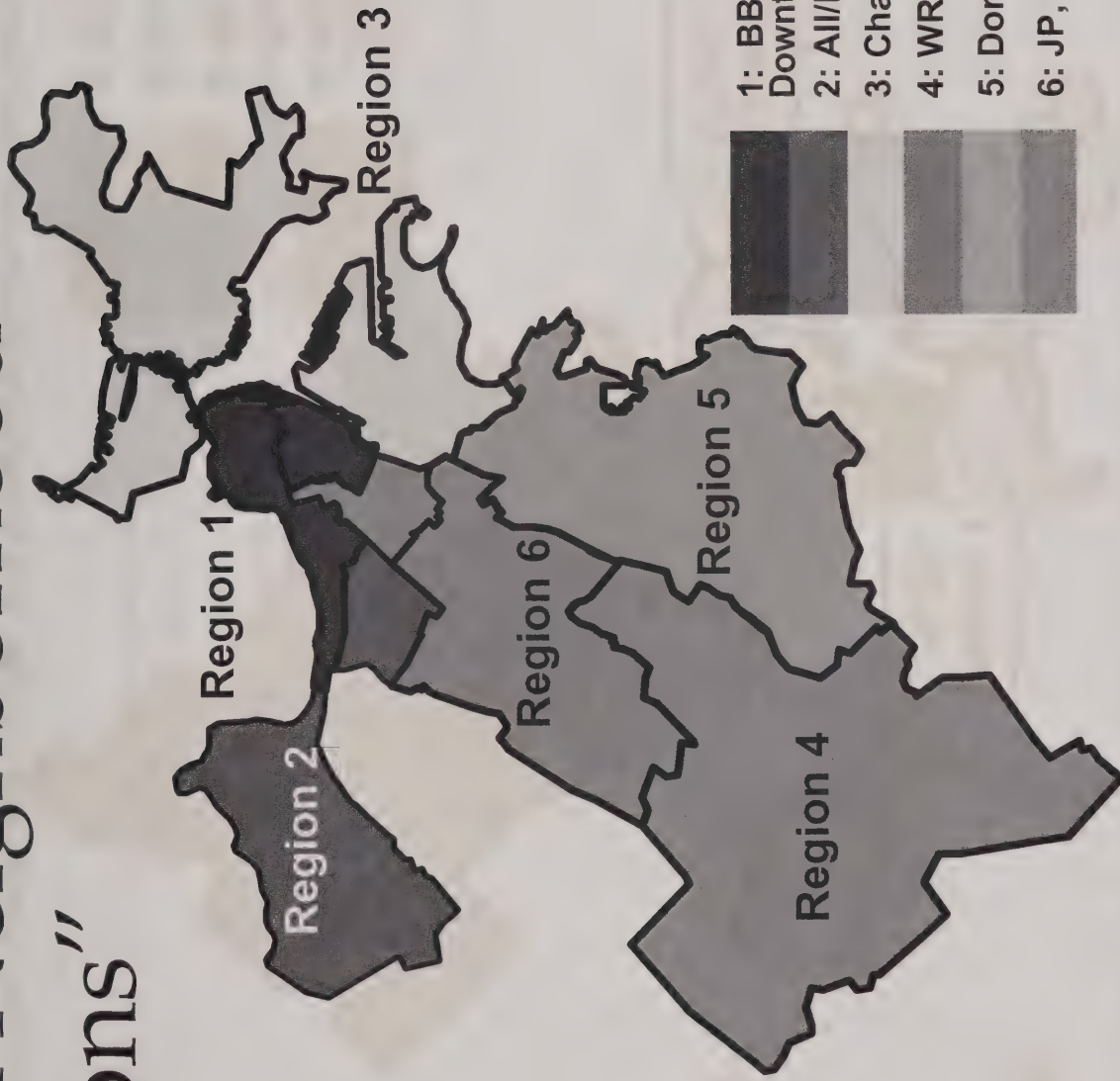


DATA SOURCE: Boston resident deaths, Massachusetts Department of Public Health. Rates are calculated using the US Census 2000 for resident population.

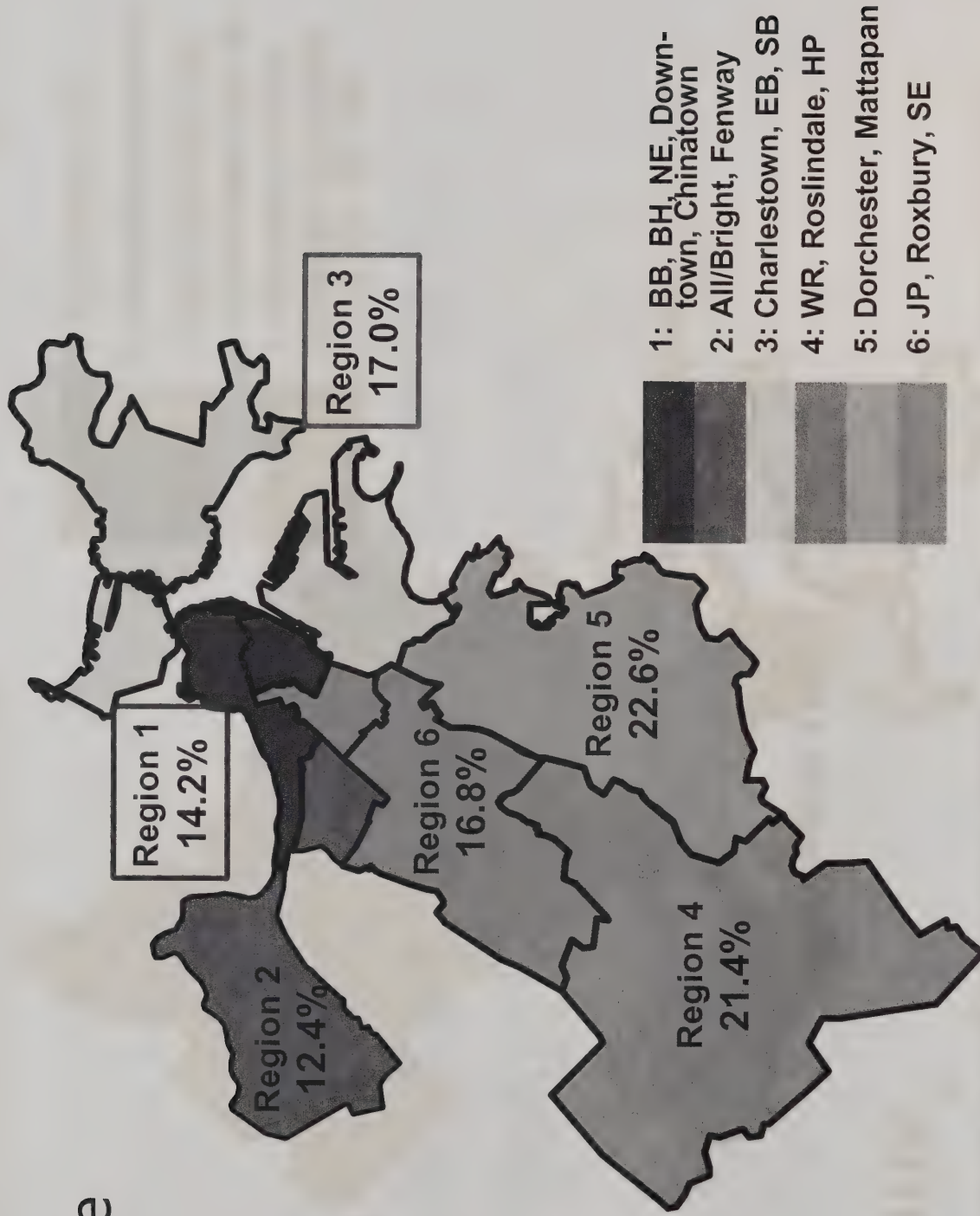
DATA ANALYSIS: Boston Public Health Commission, Research Office

Health Risks from the BRFSS by Neighborhood Regions

Boston Neighborhood "Regions"

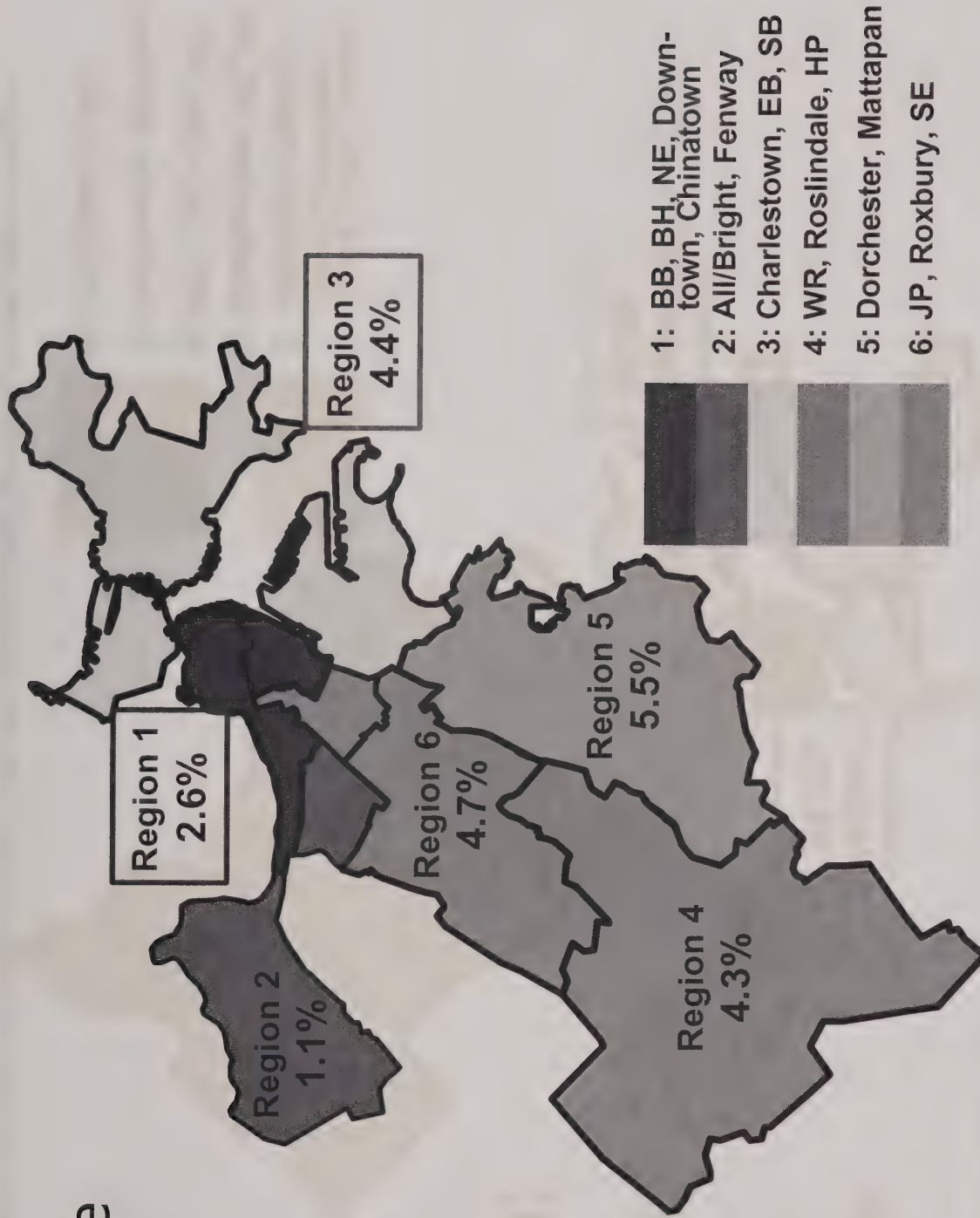


Percentage of Boston Adults Ever Diagnosed with High Blood Pressure



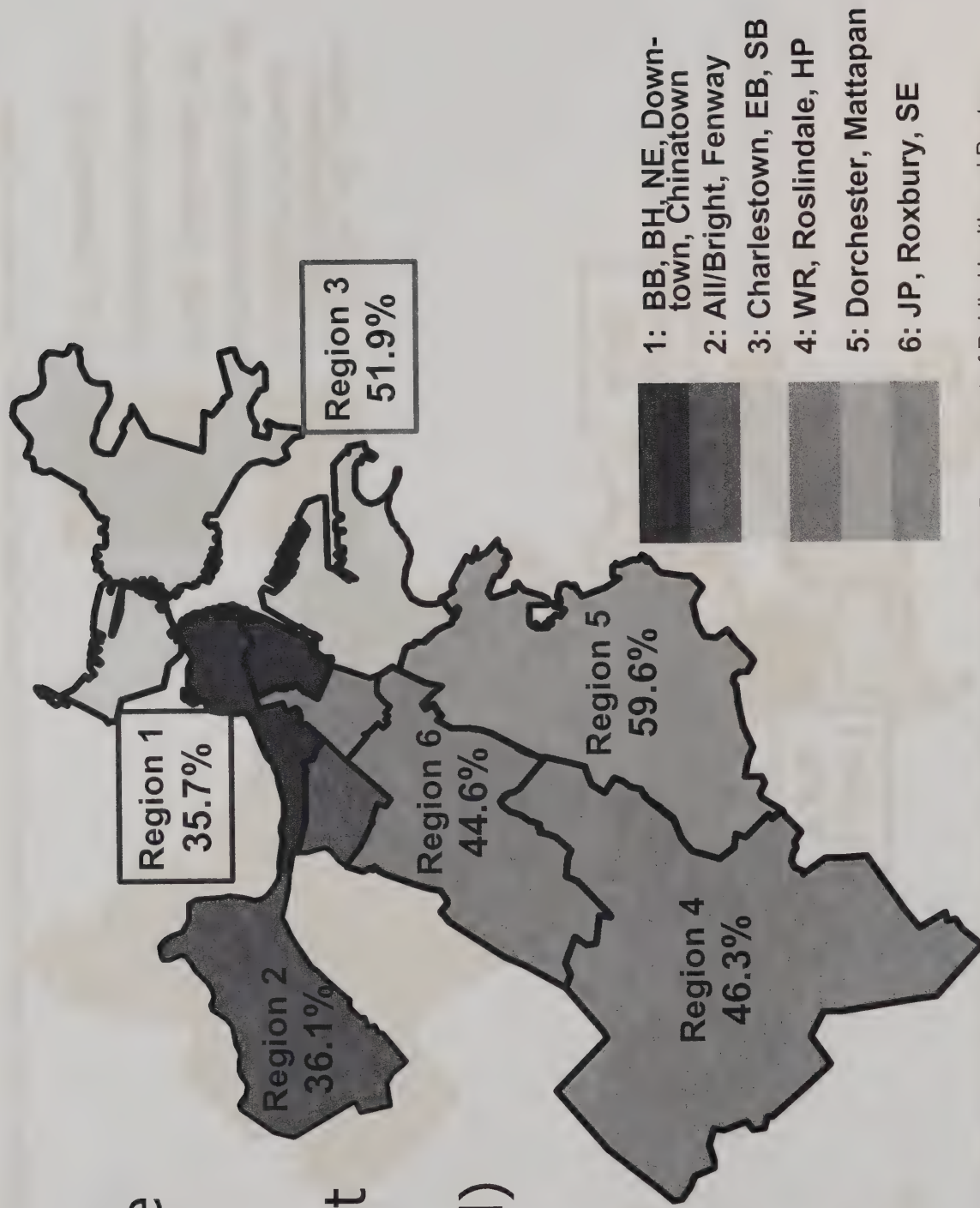
- 1: BB, BH, NE, Downtown, Chinatown
- 2: All/Bright, Fenway
- 3: Charlestown, EB, SB
- 4: WR, Roslindale, HP
- 5: Dorchester, Mattapan
- 6: JP, Roxbury, SE

Percentage of Boston Adults Ever Diagnosed with Diabetes



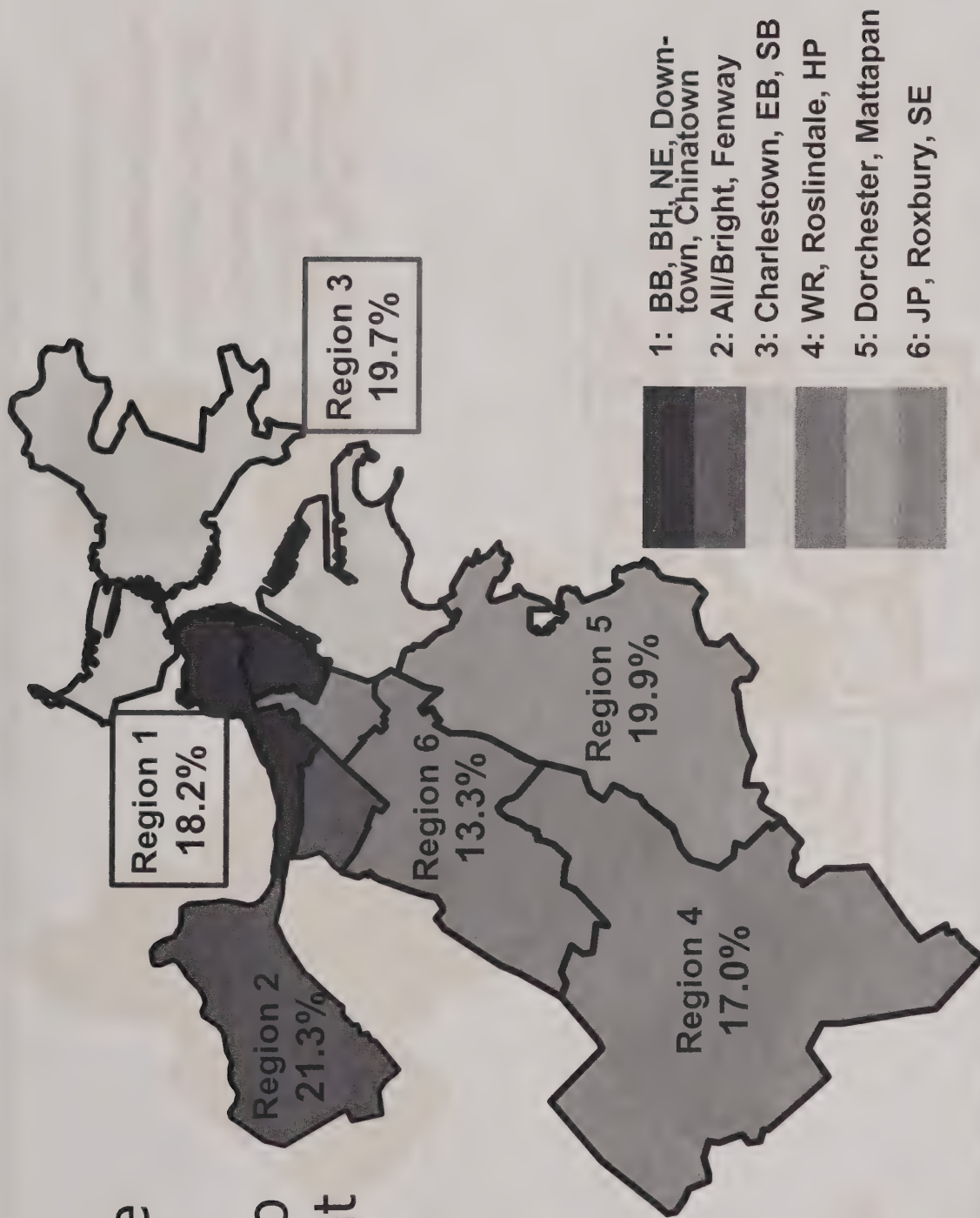
DATA SOURCE: Behavioral Risk Factor Surveillance System, 1998-1999, Massachusetts Department of Public Health and Boston Public Health Commission
 MAP PREPARATION: Boston Public Health Commission, Research Office

Percentage of Boston Adults Overweight or Obese (Combined)

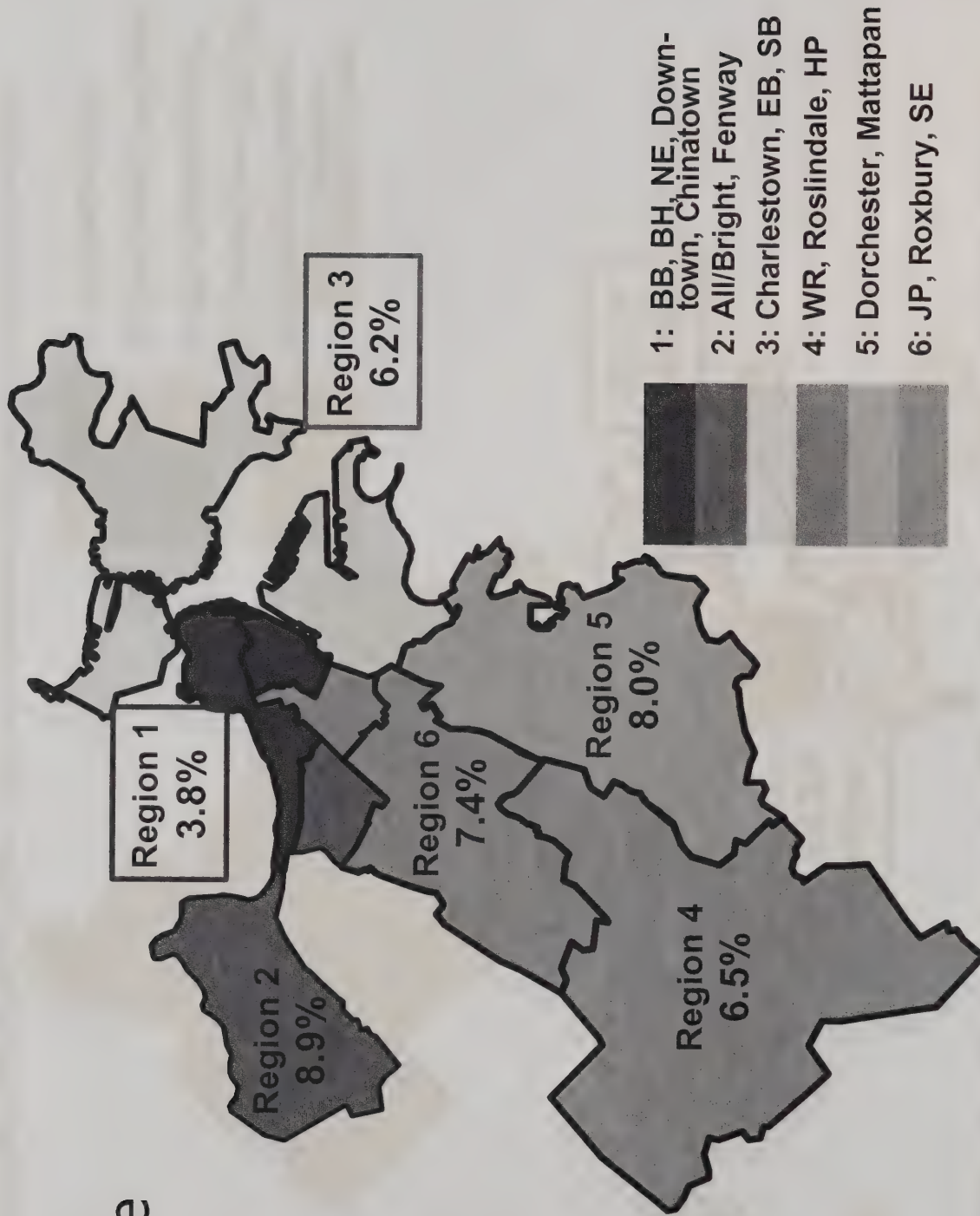


- 1: BB, BH, NE, Downtown, Chinatown
- 2: All/Bright, Fenway
- 3: Charlestown, EB, SB
- 4: WR, Roslindale, HP
- 5: Dorchester, Mattapan
- 6: JP, Roxbury, SE

Percentage of Boston Adults Who Are Current Smokers



Percentage of Boston Adults Who Are Uninsured



DATA SOURCE: Behavioral Risk Factor Surveillance System, 1998-1999, Massachusetts Department of Public Health and Boston Public Health Commission
 MAP PREPARATION: Boston Public Health Commission, Research Office

EAST BOSTON COMMUNITY MEETING SUMMARY

Infant Mortality: During 1996-2000, the infant mortality rate (IMR) for East Boston (2 infant deaths per 1,000 live births) was 71% below the IMR for Boston (7 infant deaths per 1,000).

Asthma Hospitalization Among Children: In 2000, the asthma hospitalization rate East Boston children under the age of 5 (4 hospitalizations per 1,000 population) was 50% lower than the Boston rate (8 hospitalizations per 1,000).

AIDS Incidence: In 2000, the AIDS incidence rate for East Boston (13 new cases per 100,000 population) was 57% lower than the Boston rate (30 new cases per 100,000).

Sexually Transmitted Disease (STD) Incidence: The STD incidence rate for East Boston residents (427 new cases per 100,000 population) during 2000 was 41% lower than the Boston rate (721 new cases per 100,000).

CHALLENGES

Adequate Prenatal Care: During 2000, the level of adequacy of prenatal care for East Boston residents (61%) was 21% lower than the level for Boston overall (77%).

Low Birthweight (LBW) Births: In 2000, the East Boston LBW rate (8%) was 11% below the rate for overall Boston (9%). However, the East Boston rate is still above the national Healthy People 2010 target of no more than 5% LBW births of total births.

Cancer Mortality: For 1999-2000, the cancer mortality rate for East Boston residents (225 deaths per 100,000 population) was slightly higher than the Boston rate (221 deaths per 100,000). However, like Boston, the cancer mortality rate for East Boston exceeded the national Healthy People 2010 target of no more than 158.7 cancer deaths per 100,000. East Boston exceeded the target by 42%.



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